



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Pa Dt	
P0039633	MEC002-VU	1	1	Net 30	M7075T6S4.000X3.000	7075-T6S Sheet 4.000" Thick X 3.000" Wide : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A- 250/12 OR AMS 4045 OR ASTM B209 receive ft				24	5/9/2018	25		S070017	Stock	5/10/2018	\$ 68.35 / ft		0	
		2			M7075T6S0.375X5.000	M7075T6S0.375 X 5.000 : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A- 250/12 OR AMS 4045 OR ASTM B209 receive ft				48		48		S070018	Stock	5/10/2018	\$ 14.68 / ft		0	
		3			M7075T6S0.375X8.000	7075-T6S Sheet .375" Thick Plate X 8" Wide : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A- 250/12 OR AMS 4045 OR ASTM B209 receive ft				12		12		S070019	Stock	5/10/2018	\$ 25.75 / ft		0	
Total:										84			85							

Plex 5/10/2018 8:25 AM Dart Dubois Pascal



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO039633

Supplier: MEC002-VU
Metaux Castle
P.O. Box 4090 Str A
Toronto
ON
M5W OE9 Canada

PO No: PO039633

PO Date: 4/18/18

Due Date: 5/2/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
Phone: clavoie@dartaero.com

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

E-MAILED
APR 18 2018

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	M7075T6S4.000X3.000		7075-T6S Sheet 4.000" Thick X 3.000" Wide : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209 receive ft	Firmed	5/2/18	24 ft	0 ft	24 ft	\$68.35/ft	\$1,640.40
2	M7075T6S0.375X5.000		M7075T6S0.375 X 5.000 : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209 receive ft	Firmed	5/2/18	48 ft	0 ft	48 ft	\$14.68/ft	\$704.64
3	M7075T6S0.375X8.000		7075-T6S Sheet .375" Thick Plate X 8" Wide : MATERIAL: 7075-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209 receive ft	Firmed	5/2/18	12 ft	0 ft	12 ft	\$25.75/ft	\$309.00
4	M7075T6R1.000		M7075T6R1.000 : MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ROUND BAR AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4124/4186/4187 OR PER AMS QQ-A-200/11 receive ft	Firmed	5/2/18	24 ft	0 ft	24 ft	\$7.75/ft	\$186.00

Grand Total: \$2,840.04

Order Notes



Castle Metals®

A. M. Castle & Co.

PACKING SLIP
CERTIFICATE OF CONFORMANCE

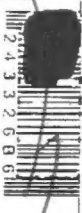
Page 1 of 1

Shipment No: 3590076

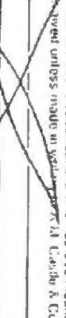

Ship From: A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN		Sold To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA		Ship To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN		Deliver To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	
Date Shipped 08-MAY-18	F.O.B. ORIGIN	Freight Terms Prepaid		Carrier MANITOU LIN		BOL No 3590076-2	

Shipment Details

Final Destination Branch - TOR

Order No	Line No	Item No	Description	Ordered Qty	Invoice Qty	
5107379	2	750067.MO	0.3750.PL.7075.T651.ALUMINUM.48.5000.144.5000 CUT 2SIDED TO 5 IN (+ .1250/.0000 IN) X 144.5 IN (+ .1250/.0000 IN) - ALUMINUM PLATE SAW SPECIFICATIONS. AMS-00-A-250/12	4.90 PCS	4.00 PCS	
Purchase Order No 39633 Part Number						
Details ALL PAPERWORK MUST FOLLOW ORDER/CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #S Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS						
Delivery No. 121787647	Mill/Source KAISER ALUMINUM	Heat Number 	Mech Id 4	Width (IN)	Length (IN)	Shipped Qty(LBS) 113.5452

We hereby certify the material conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specific testing requirements. All claims for defective material are void unless made in writing within 10 days of the shipment. Material cut to the correct size, or making a part of the description for credit.

Reviewed by Authorized Castle Metals Representative:  Date: MAY-08-2018 Name: 

Date Printed: 08-MAY-2018 02:55:32 PM

24038954



Castle Metals®

A. M. Castle & Co.

PACKING SLIP/
CERTIFICATE OF CONFORMANCE

Page 1 of 1

Shipment No: 3590076

Ship From: A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN		Sold To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA		Ship To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN		Deliver To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	
Date Shipped 08-MAY-18	F.O.B. ORIGIN	Freight Terms Prepaid		Carrier MANITOU LIN		BOL No 3590076-2	

Shipment Details

Final Destination Branch - TOR

Order No	Line No	Item No	Description	Ordered Qty	Invoice Qty	Shipped Qty(LBS)
5107379	3	750067.MO	0.3750 PL.7075.T651 ALUMINUM.48.5000.144.5000 CUT 2SIDED TO 8 IN (+ .1250/- .0000 IN) X 144.5 IN (+ .1250/- .0000 IN) ALUMINUM PLATE.SAW SPECIFICATIONS. AMS-QQ-A-250/12	1.00 PCS	1.00 PCS	454181
Purchase Order No 39633				Part Number		
Details ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #/S Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS						
Delivery No. 121787647	Mill/Source KAISER ALUMINUM	Heat Number 	Mech Id 1	PCS	Width (IN)	Length (IN)
						Shipped Qty(LBS) 454181

We hereby certify the material covered by this certificate conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including all specifications forming a part of the description listed herein and on the subject to examination. All claims for defective material are waived unless made in writing by A.M. Castle & Co. within 10 days of the shipment. Additional test to the correct size or material not by the customer cannot be returned for credit.

Reviewed by: Authorized Castle Metals Representative

Date: MAY 08 2018

Name:

Date Printed: 08-MAY-2018 02:55:32 PM





Castle Metals®

A. M. Castle & Co.

PACKING SLIP/
CERTIFICATE OF CONFORMANCE

Page 1 of 1

Shipment No: 3590076

Ship From: A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN		Sold To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	Ship To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN	Deliver To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
Date Shipped 08-MAY-18	F.O.B. ORIGIN	Freight Terms Prepaid	Carrier MANITOULIN	BOL No 3590076-2

Shipment Details					Final Destination Branch - TOR				
Order No 5116414	Line No 1	Item No 752054.MO	Description 3.0000.PL.7075.T651.ALUMINUM.US1.48.5000.144.5000 CUT RECTANGLE TO 4 IN (+ .1250/- .0000 IN) X 60 IN (+ .1250/- .0000 IN) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12						
Purchase Order No 39633	Part Number		Ordered Qty 5.00 PCS	Invoice Qty 5.00 PCS					
Details ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #S Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS									
Delivery No. 121788667	Mill/Source CONSTELLUM ROLLED PRODUCTS	Heat Number 9 3 9 2 5 5 5 1	Mech Id 5	PCS	Width (IN)	Length (IN)	Shipped Qty(LBS) 370.8696		

We hereby certify the material covered by this certificate conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the inspection test reports are on file subject to examination. All claims for defective material are void unless made in writing to A. M. Castle & Co. within 90 days of the shipment. Material cut to the correct size, or making change, the customer cannot be returned for credit.

Reviewed by: Authorized Castle Metals Representative

Date:

Name: MAY-08-2018

Date Printed: 08-MAY-2018 02:55:32 PM





CERTIFIED TEST REPORT
Constellium Rolled Products
Ravenswood, LLC

S H I P T O
A M CASTLE & CO.
14001 ORANGE AVE
PARAMOUNT CA
90723
US

S O L D T O
A M CASTLE
1420 KENSINGTON ROAD, SUITE 220
OAK BROOK IL
60523
US

A M CASTLE 110553397 4075 INCLUSION Serial: 20170713-0110553397 Pg 1 of 2

CUSTOMER PURCHASE ORDER NO. & ITEM 426109				Constellium ORDER NO. 209490		CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA <i>Steve Good</i> Steve Good - Laboratory Manager
ALLOY 7075	CLAD	TEMPER T651	GAUGE 3.00000 in 76.20 mm	WIDTH 49.50000 in 1,232 mm	LENGTH 144.50000 in 3,670 mm	
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH						
CUSTOMER SPECIFICATION AMS 4045K						
PART NUMBER 752054		B/L NUMBER 83814		DATE SHIPPED 07/13/2017		
WT. SHIPPED 8530.000 LB		NO. OF PIECES 000004		GOVT. CONTRACT NO.		

ALL LOTS ON THIS CERTIFICATION ALSO CONFORM TO THE FOLLOWING REQUIREMENTS:

- ASTM B594 REV 13 2013 100% SONIC W/ 0.125" DEADZONE Class A
- AMS QQ-A-250/12A
- AMS-STD-2154A 2012 TYPE1 CLASS A 100% SONIC MINUS DEADZONE
- ASTM B209-14
- BSS-7055B 2013 CLASS A 100% SONIC TESTED MINUS DEADZONE
- CST1006 REV E 2011 CLASS A 100% SONIC MINUS DEADZONE
- OPS 4.713 REV AK 2012 CLASS A 100% SONIC MINUS DEADZONE
- GAMPS 9101 REV B 2006 CLASS A 100% SONIC MINUS DEADZONE
- PS 21211P 2010 CLASS A 100% SONIC MINUS DEADZONE

Load Details

Package	Net Lbs	Kg	Lot	Piece	Serial	Parent Lot
1001555525	2,133.000	967.512	9392555	01		
1001555525	2,132.000	967.053	9392555	02		
1001555527	2,133.000	967.512	9392555	03		
1001555527	2,132.000	967.053	9392555	04		

Lot: 9392555

Tensile - Room Temperature (US)

Direction	Tests	Ultimate (KSI)		Yield (KSI)		Elongation (%)		Report
		Min	Max	Min	Max	Min	Max	
LT	02	80.9	81.0	70.5	71.8	12.0	13.0	





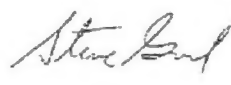
CERTIFIED TEST REPORT
Constellium Rolled Products
Ravenswood, LLC

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P
T
O

A M CASTLE & CO.
14001 ORANGE AVE
PARAMOUNT CA
90723
US

S
O
L
D
T
O

A M CASTLE
1420 KENSINGTON ROAD, SUITE 220
OAK BROOK IL
60523
US

A M CASTLE		110553397		4075		INCLUSION		Serial:20170713-0110553397		Pg 2of2				
CUSTOMER PURCHASE ORDER NO. & ITEM 426109						Constellium ORDER NO. 205490								
ALLOY 7075		CLAD		TEMPER T651		GAUGE 3.00000 in 76.20 mm		WIDTH 49.50000 in 1,252 mm		LENGTH 144.50000 in 3,670 mm				
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH						CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 69 RAVENSWOOD, WV 26164 USA  Steve Good - Laboratory Manager								
CUSTOMER SPECIFICATION AMS 4045K														
PART NUMBER 752054			B/L NUMBER 83814									DATE SHIPPED 07/13/2017		
WT. SHIPPED 8530.000 LB			NO. OF PIECES 000004									GOVT. CONTRACT NO.		
Tensile - Room Temperature (SI)														
		Ultimate (N/MM2)		Yield (N/MM2)		Elongation (%)		Report						
Direction	Tests	Min	Max	Min	Max	Min	Max							
LT	02	558	558	486	495	12.0	13.0							
Chemistry (Actual)														
	SI	FE	CU	MN	MG	CR	ZN	TI	ZR					
Core	0.06	0.15	1.41	0.07	2.60	0.19	5.55	0.03	0.00					
OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER														
All material contained in this lot was cast and manufactured in the USA														
QUALITY TEXTS: AMC CA-15403C R 6														
THIS TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY OR AUTHORIZED QUALITY DELEGATE. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW. CHEMISTRY BY OES: ARKSPARK CHEMISTRIES REPORTED IN PERCENTAGE BY WEIGHT WHEN FRACTURE TOUGHNESS TEST REQUIRED, TESTED PER ASTM E399 WHEN TENSILE TEST REQUIRED, TESTED PER ASTM E8; B557 DUNS Number: 090570148; CAGE Code: 1YW19 Mercury is not a normal contaminant in aluminum alloys and neither mercury nor any of its compounds were utilized in the manufacture of our product. "END OF CERTIFICATION"														
P-860-155D REVISED: 10 2014														

SHIP TO:

A M CASTLE & CO
3050 SOUTH HYDRAULIC
WICHITA, KS 67216

**KAISER
ALUMINUM**

Trentwood Works - Spokane, WA 99215

Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number

4488284

SOLD TO:

AM CASTLE & CO- SOLD TO
1420 KENSINGTON RD
SUITE 220
OAK BROOK, IL 60523

CUSTOMER PO NUMBER: 442851-1	WORK PACKAGE:	CUSTOMER PART NUMBER: 750067	SHIP RUN/LOAD: 104118/9	GOVT CONTRACT NUMBER:
KAISER ORDER NO: 1245835-1	SHIP DATE: 3-DEC-2017	ALLOY: 7075	CLAD: BARE	TEMPER: T651
PRODUCT DESCRIPTION: Sawed Plate				
WEIGHT SHIPPED: 3226 LB	QUANTITY: 12 PCS EST.	TRUCK BIL #: 2070527	GAUGE: 0.3750 IN (9.5250 MM)	DIAMETER/WIDTH: 48.500 IN (1231.8 MM)
LENGTH: 144.500 IN (3670.3 MM)				

MHU 2175452; LOT 24332686; 12 pieces;

Certified Specifications

AMS 4045/RevL
CMMP 025/RevV

AMS-QQ-A-250/12/RevA

ASTM B 209/Rev14

Test Code: 1512

Lot: 24332686

Cast 540

Drop 97

Test Results

Ingot 2

Melted in USA

(ASTM E8/B557)

(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T651	LT / 3 (Min:Max)	85.4 : 86.9 (589 : 599)	76.2 : 77.7 (525 : 536)	11.5 : 13.3

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.07	0.14	1.5	0.03	2.6	0.19	5.8	0.02	0.01	0.01	TOT 0.03

ALLOY LIMITS

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
7075												
MIN(wt%)	0.00	0.00	1.2	0.00	2.1	0.18	5.1	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.05	TOT	0.15

Aluminum Remainder

ORDER COMMENTS

AMC CA-15409 R 3





Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4488284

CERTIFICATION

- Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:
 - has been inspected, tested, and found to be in compliance with the requirements of the specifications indicated herein.
 - All test equipment and measuring devices are calibrated and certified in accordance with applicable specifications. For materials thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture.
 - Was melted in the United States of America or a qualifying country per DFARS 225.672-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 152.225 for domestic content.
 - has been thermally processed in compliance with AMS 2777, where applicable.
 - is mercury free, within the limits of detection of ASTM E1215 (41 ppm).
 - is in compliance with RoHS 2, European Union Directive 2011/65/EU.
 - is in compliance with European Chemicals Agency, ECHA, REACH regulations (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates.
 - is free of Conflict Minerals, as defined in Section 15.2 of the Dodd Frank Act.
 - is free of weld repair.
 - meets the reporting requirements of EPC 0204, Type 3.1.
- Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except to full without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

JAMES HEMMENWAY, TECHNICAL PROCESS MANAGER



MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075+650.375x8.000

PO / BATCH NO.: 039633/5070019

DATE: MAY 10 2018

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: 0.375

QUANTITY RECEIVED: 12

THICKNESS RECEIVED: 0.375

QUANTITY INSPECTED: 12

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	<u>AMS-QQ-A-250/12</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	<u>Heat 24332666</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____
DATE: <u>11</u> MAY 10 2018	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE

SPECIFICATION:

QQ-A-250/12 OR AMS-QQ-A-250/12
OR AMS 4048
OR ASTM B209

OR

PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE

SPECIFICATION:

QQ-A-250/13 OR AMS-QQ-A-250/13
OR AMS 4048 / 4049
OR ASTM B209

PART NUMBER:

M7075T6S | TTT | X | W.WWW |
| THK | | WIDTH |

WHERE "TTT" = THICKNESS (IN INCHES)

AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG. 0.063" THICK SHEET = M7075T6S.063

EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

PREFERRED SIZE:

.TTT BY 4FT BY 10FT FOR SHEET

RELEASED

2017 JUN 19
ECN 17-574

APPROVED

B	ADD: REF TO "PLATE", "T651" TEMPER, AMS 4048, OPTIONAL WIDTH DIM (CAR16-149)	CP	17 05 05
A	NEW ISSUE	RF	10 11 08
REV	DESCRIPTION	BY	DATE
DESIGN	RF		
DRAWN	CP		
CHECKED	ML		
MFG. APPR.	LL		
APPROVED	WM		
DE APPR.	DS		
DATE	17.05.05		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M7075T6S			
REV. B SHEET 1 OF 1			
TITLE 7075-T6 SHEET/PLATE SPEC NTS			
SCALE			
DATE 17.05.05			
COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN THAT FOR WHICH IT WAS SPECIFICALLY PREPARED. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.			

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075+650375X5.000
 DATE: MAY 10 2018

PO / BATCH NO.: 039633/5070018

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 48'
 QUANTITY INSPECTED: 48'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.375
 THICKNESS RECEIVED: 0.375
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	AMS-QQ-A-250/12
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	Heat # 24332686
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u> DATE: <u>9-89 MAY 10 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE
SPECIFICATION: QQ-A-250/12 OR AMS-QQ-A-250/12
OR AMS 4045
OR ASTM B209

OR

PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE
SPECIFICATION: QQ-A-250/13 OR AMS-QQ-A-250/13
OR AMS 4048 / 4049
OR ASTM B209

PART NUMBER: M7075T6S | TTT | X | W.WWWW |
THK | WIDTH

WHERE "TTT" = THICKNESS (IN INCHES)
AND "W.WWWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG. 0.063" THICK SHEET = M7075T6S.063
EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

PREFERRED SIZE: TTT BY 4FT BY 10FT FOR SHEET

RELEASED
2017 JUN 19
ECN 17-574

APPROVED

B	ADD. REF. TO "PLATE" "T651" TEMPER, AMS 4048, OPTIONAL WIDTH DIM (CAR16-149)	CP	17.05.05
A	NEW ISSUE	RF	10.11.08
REV.	DESCRIPTION	BY	DATE
DESIGN	RF		
DRAWN	CP		
CHECKED	ML		
MFG. APPR.	LL		
APPROVED	WM		
DE APPR.	DS		
DATE	17.05.05		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M7075T6S			
TITLE 7075-T6 SHEET/PLATE SPEC			
REV. B SHEET 1 OF 1			
SCALE NTS			
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 170 516 S4.000 X 3.000
 DATE: MAY 10 2018

PO / BATCH NO.: 039633/5070017

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 25'
 QUANTITY INSPECTED: 25'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 3.000
 THICKNESS RECEIVED: 3.000
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	<u>Ams-QQ-A-250/12</u>
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	<u>Heat # 9392535</u>
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u> DATE: <u>9-80 MAY 10 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

△B PURCHASE MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE
SPECIFICATION: QQ-A-250/12 OR AMS-QQ-A-250/12
OR AMS 4045
OR ASTM B209

OR

△B PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE
SPECIFICATION: QQ-A-250/13 OR AMS-QQ-A-250/13
OR AMS 4048 / 4049
OR ASTM B209

△B PART NUMBER: M7075T6S | TTT | X | W.WWW |
THK | WIDTH |

△B WHERE "TTT" = THICKNESS (IN INCHES)
AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)
EG. 0.063" THICK SHEET = M7075T6S.063
EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

△B PREFERRED SIZE: TTT BY 4FT BY 10FT FOR SHEET

RELEASED
2017 JUN 19 4
ECN 17-574

APPROVED

B	ADD. REF. TO "PLATE": T651, TEMPER, AMS 4048, OPTIONAL WIDTH DIM (CAR-16-146)		CP	17.05.05
A	NEW ISSUE		RF	10.11.08
REV.	DESCRIPTION		BY	DATE
DESIGN	RF	DART AEROSPACE LTD		
DRAWN	CP	HAWKESBURY, ONTARIO, CANADA		
CHECKED	ML	DRAWING NO.	REV. B	
MFG. APPR.	LL	M7075T6S	SHEET 1 OF 1	
APPROVED	WM	TITLE	SCALE	
DE APPR.	DS	7075-T6 SHEET/PLATE SPEC	NTS	
DATE	17.05.05			

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